***Homework Week 9 Term 3 2014***

***Due Thursday 18th September 2014***

**Spelling**

**landscape, massive, myth, plunge, rough, spectacular, fierce, capacity, aspect, beneath**

**Write your spelling words in 3 columns. The second column should be in alphabetical order and get someone at home to test you in the third column.**

**TYPING**

In this fortnight’s homework you are going to complete some of your ICT typing lessons at: [http://www.freetypinggame.net/free-typing-lesson.asp](https://www.edumail.vic.gov.au/owa/redir.aspx?C=QBfNB8JqqkyRPXyOeQHQix7a8acNjtEIGzGS8qRFTuv6jqiOsjtzt37GHYV8ZkwfU8pNZFf9DbM.&URL=http%3a%2f%2fwww.freetypinggame.net%2ffree-typing-lesson.asp)

Please start at the lesson you were up to and have 3 turns at that lesson before you move up to the next one. We would like you to do 5 minuteseach night. You must document your best score for each lesson.

**I.S.**

This week you will be working in pairs to learn about some of the equipment Scientists use in space. We would like you to research a space mission of your choice. There are some exciting space missions that failed, succeeded and ended in disaster. Choose one that interests you and present your information in a **ONE PAGE** presentation in your homework book. Please ensure you include **ONE** picture to support your information.

**Maths**

**Intergalactic Temperature Quest**

Your Space Commander has sent you on a quest around the universe to collect temperatures for research purposes

You have the use of a spaceship:

…and a thermometer:

First find the difference between the hottest and coldest temperatures you collected for each planet. Copy the table into your book. The first one has been done for you.

|  |  |  |  |
| --- | --- | --- | --- |
| Planet | Hottest recorded temperature | Coldest recorded temperature | Difference |
| Kark | 10°C | -5°C | 15°C |
| Hikl | 126°C | 37°C |  |
| Topa | 54°C | 12°C |  |
| Uni-7 | -13°C | -179°C |  |
| Jolarg | 54°C | -68°C |  |
| Vortan | 104°C | -97°C |  |
| Intop | -95°C | -214°C |  |
| Yurg | -27°C | -163°C |  |

Those last two planets were really cold! Now that you are back in the lab have a nice hot chocolate and work out these three puzzles:



What is the mean average of the difference column? (Use a calculator).

What is the mode average of the hottest temperature column?

What is the median average of the coldest temperature column?